



Inter American Resins

POLY-KRETE CR HEAVY DUTY RESIN RICH FLOOR SYSTEM

TECHNICAL DATA

POLY-KRETE CR

DESCRIPTION:

Poly-Krete CR is a heavy-duty flooring system composed of 100% solids epoxy resins and graded aggregates. When reinforced with aluminum oxide, it will withstand steel wheel traffic. It is designed for heavy traffic and moderate chemical service. Poly-Krete CR is resin rich and consists of three components: resin, hardener, and silica aggregates. It can be applied with trowel or screed rake at $\frac{1}{8}$ ", $\frac{3}{16}$ " or $\frac{1}{4}$ ".

FEATURES AND BENEFITS:

- 100% Solids Non Porous
- Low Odor
- Chemical Resistant
- Fast Installation
- Impervious
- Seamless
- Sanitary
- Long Lasting
- Repairable
- Safe Non-Slip Texture
- Excellent Wear Resistant
- Abrasion Resistant
- Impact Resistant
- Moisture Tolerant
- Withstand Heavy Traffic
- Hygienic
- Easy to Clean
- Self Extinguishing

PACKAGING:

Poly-Krete CR is available in four standard kit sizes:

- 20 gallons kit
- 8 gallons kit
- 4 gallons kit
- 1 gallon kit

RECOMMENDED FOR:

- Agricultural
- Aircraft Hangars
- Airports
- Auto Dealers
- Bakeries
- Beverage Plants
- Breweries
- Cafeterias
- Chemical Processing
- Coolers
- Commercial Kitchens
- Containment Areas
- Correctional Facilities
- Corridors
- Docks/Ramps
- Dairies
- Distilleries
- Driveways
- Food Distributors
- Garages
- Hospitals
- Laboratories
- Laundries
- Locker Rooms
- Machine Shops
- Manufacturing Plants
- Meat, Fish, Poultry Processing Plants
- Mechanical Equipment Rooms
- Medical Devices
- Munitions Facilities
- Pharmaceutical Plants
- Pulp and Paper Processing Facilities
- Restaurants
- Schools
- Secondary Containments
- Showers
- Supermarkets
- Utilities
- Warehouses
- Waste Water Treatment Facilities

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TECHNICAL DATA

Poly-Krete CR

Test	Result	Method
Taber Abrasion	Loss/1000 Cycles= 45mg	ASTM D 4060 CS 17 Wheel
Bond to Concrete	375 psi, Concrete Failed	ASTM D 4541
Tensile Strength	2,060 psi	ASTM D 307
Compressive Strength	11,650 psi	ASTM C 579
Impact Resistance	16 Ft. Lb. with no failures	Mil-D-3134H
Coefficient of Friction	0.6 min.	ASTM D 2047
Shore D Hardness	82	ASTM D 2240
Porosity	0.00	NACE Stand TM-01-74

SAFETY:

Poly-Krete CR contains blended Epoxies as the resin and blended Amines as the hardener. Protective clothing and gloves are recommended to prevent sensitization to these materials. In case of ingestion or eye contact, contact a physician immediately. MSDS area available for this product upon request.

WARRANTY:

For product warranty see Inter American Resins, Corp. "Standard Limited Warranty". If one is not included with this literature, please call 1-855-777-7998 for further information or www.iaresins.com.

MAINTENANCE:

Water or detergents can be used to remove residue from equipment if it is clean before the material has started to set up; otherwise, stronger solvent such as methylene chloride will be necessary. Refer to MSD sheet for clean-up materials.